

Newsletter Date
October 11, 2019

Fruit Ridge Notes

Fruit Ridge Notes
from Ron Reister
C.C.A.

Fruit Ridge Notes - Friday - October 11 - 2019

HeyHope Your Harvest is Going well...

... Got some UnWanted Rain early early morning ... 🙄👎 The Radar looks Ugly.... More Rain

Please Take a Minute to Read this from Redox--Eric Massey - Agronomist

Post - Harvest Nutrition

Many permanent crop Growers & Agronomists agree that how your Trees or Bushes are "Put-to-Sleep" for the Dormant-Winter Season is critical to how the Cropping System will start the following year. Many Growers will make the N-P-K applications and have seen legitimate benefits from those apps.

I would like to address the MicroNutrient Component of Cropping-System Requirements.

Several yers ago, Redox commissioned a Study to determine the beneficial contributions of MicroNutrient applications in a Permanent Crop. The Findings were significant.

First ...Lets take a look at the roles of Nutrients in the Plants...

~~**Macro**-Nutrients

- *Nitrogen...a component of every plant cell... for Amino Acid production.
- *Phosphorus... for Photosynthesis, Respiration, Energy
- *Potassium... Translocation of water and nutrients, Enzyme reactions, Sugar metabolism

~~**Secondary Macro**-Nutrients

- *Calcium... Cell Wall Integrity, reproductive tissue, Root growth
- *Magnesium... Chlorophyll production
- *Silicon... Cell Wall integrity, antioxidant production
- *Sulfur... Nitrogen metabolism

~~ **Micro** Nutrients

- *Boron... Calcium Metabolism, reproductive tissue
- *Copper... Photosynthesis, Chlorophyll
- *Molybdenum... Metabolism of Nitrogen & Phosphorus
- *Iron... works on Chlorophyll and carries Oxygen
- *Nickel... Nitrogen Metabolism

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- *Manganese... Phosphorus & Calcium Metabolism, Enzyme systems
- *Zinc... Enzyme & Hormone production
- *Cobalt... Nitrogen Metabolism
- *Chlorine... Osmosis & Ionic Balance... Role in Plant Nutrition not well understood

As you will note, we have 4 nutrients that work to metabolize Nitrogen in Plants, and another 3 for Enzyme Production. Nitrate Reductase is a very important Enzyme responsible for Nitrogen Assimilation into Amino Acid production. Over the years I have analyzed more than 2000 Soil Tests in Agricultural settings from Southern California to New York State and many points in between...and there is one common thread. Not one of these Tests have shown adequate ranges in Soluble MicroNutrient availability for the plants. I have witnessed the significant gains of Growers that understand this.

Respectdttfully,
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Thnx Eric ...Good Info

Have a Safe & Blessed Weekend !!!

